	Application No.	Applicant(s)
	40/700 540	LUCKION ET AL
Notice of Allowability	10/728,540 Examiner	HIGUCHI ET AL. Art Unit
	Melvin Curtis Mayes	1734
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in thi or other appropriate communic IGHTS. This application is subj	is application. If not included .
1. \boxtimes This communication is responsive to <u>amendment filed 1/23</u>	<u>3/07</u> .	
2. The allowed claim(s) is/are 8,20 and 39.		
3. Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the:		7).
1. Certified copies of the priority documents have		1-
2. Continued the continued continued the priority documents have		
3. Copies of the certified copies of the priority doc	cuments have been received in	this national stage application from the
International Bureau (PCT Rule 17.2(a)). * Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give	IENT of this application. itted. Note the attached EXAMI	NER'S AMENDMENT or NOTICE OF
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.	
(a) ☐ including changes required by the Notice of Draftspers	on's Patent Drawing Review (F	PTO-948) attached
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1, each sheet. Replacement sheet(s) should be labeled as such in the	.84(c)) should be written on the d he header according to 37 CFR 1.	rawings in the front (not the back) of .121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT I	sit of BIOLOGICAL MATERI FOR THE DEPOSIT OF BIOLO	AL must be submitted. Note the OGICAL MATERIAL.
Attachment(s)		
1. Notice of References Cited (PTO-892)		nal Patent Application
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6.	
 Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>11/2/06</u> 	7. Examiner's Am	
 Examiner's Comment Regarding Requirement for Deposit of Biological Material 	·	tement of Reasons for Allowance
	9.	Melvín Curtis Mayes Primary Exeminer Art Unit: 1734

Art Unit: 1734

REASONS FOR ALLOWANCE

(1)

The following is an examiner's statement of reasons for allowance: The prior art of record does not disclose a method of producing a piezoelectric component comprising the steps as claimed including wherein a height d of the piezoelectric component, a volume V of one of the plurality of piezoelectric elements including the bumps and the gap between the piezoelectric element and the mounting substrate, a number n of piezoelectric elements per unit area on the mounting substrate, a thickness tl of the resin film, and an average thickness t2 of the mounting substrate (cross-sectional area/length of substrate) have a relationship expressed by $0.8 \, d/(nV + t1 + t2) \, 1.1$.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

(2)

The drawings filed 12/5/02003 are approved.

(3)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melvin Curtis Mayes whose telephone number is 571-272-1234. The examiner can normally be reached on Mon-Fri 7:30 AM - 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Fiorilla can be reached on 571-272-1187. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Melvin Curis Mayes Primary Examiner Art Unit 1734

MCM April 9, 2007